

MANILLA CENTRAL SCHOOL - ASSESSMENT TASK NOTIFICATION 2024

Stage 5 Agriculture - Connors

Task Number: 1

Weight: 20%

Notification Date: Friday 24/05/2024 Week 4 Term 2

Due Date: Friday 7/06/2024 Week 6 Term 2

to Mr Connors by 3:20pm



Free Range or Caged Layer Production

OUTCOMES ASSESSED

AG5-7 explains and evaluates the impact of management decisions on animal production enterprises

AG5-8 evaluates the impact of past and current agricultural practices on agricultural sustainability

AG5-9 evaluates management practices in terms of profitability, technology, sustainability, social issues and ethics

AG5-12 collects and analyses agricultural data and communicates results using a range of technologies

TASK DESCRIPTION

You are a team of consultants in egg production. One of you is an expert in battery egg production. The other is an expert on free range egg production. Your job is to convince a client that your model of egg production is the best for them. You will work in pairs to produce report that can be used to inform a client about the relative merits of each system.

TASK INSTRUCTIONS

Research the two styles of layer chicken housing: free range and commercial cage system. Include details of the following:

- How the chickens are fed & watered
- How they are housed including how much space is available to each hen
- Length of time hens spend in housing
- How the housing is maintained
- Costs associated with the housing (setting up & ongoing)
- Advantages of each style, including economical (e.g. how much you can sell your eggs for, rate of production)
- Disadvantages of each style

Use the information you have gathered to produce a **PowerPoint** presentation for marking.

Teacher's signature: _____

Mr J Connors

Head Teacher's signature: _____

Miss A Nott

Deputy Principal's signature: _____

Mrs R Ferguson

MARKING GUIDELINES

Marking Criteria for students:

- 1) List of clients requirements including space available, type of poultry client wants to keep, and whether it is a hobby farm or commercial enterprise.
- 2) A cost & benefit analysis is carried out, taking into account the client's rationale for developing the enterprise, e.g. cost of materials to set up a battery operation vs revenue generated from sale of eggs, or benefits of keeping free range hens that will also dispose of compostable waste & produce fertilizer as droppings.
- 3) Aspects of traditional methods of egg production are compared with modern, intensive methods. There is a statement making a recommendation in favour of or against certain methods of production.
- 4) Information about suitable breeds of hen, duck, quail or other egg-producing species. Characteristics of the breed are described/illustrated.
- 5) Variety of methods of keeping poultry for egg production are researched.
- 6) List of requirements needed to maintain the desired population of poultry.
- 7) Numerical data presented in report, e.g. how many battery hens can be accommodated in a given space vs how many free-range.
- 8) Powerpoint demonstrating a logical approach to answering the above.

Criteria	3	2	1	Mark
Mentions type of poultry				
Discussed nature of enterprise (hobby or commercial)			Basic	
Estimate of revenue or benefit from the enterprise		Sound	Basic	
Description of 'free range'	Thorough	Sound	Basic	
Description of cage system/'battery'	Thorough	Sound	Basic	
Compares two systems to suit client's needs	Thorough	Sound	Basic	
Uses quantitative data to compare systems		Sound	Basic	
Completes cost and benefit analysis		Sound	Basic	
Logical and cohesively presented PowerPoint with bibliography	Thorough	Sound	Basic	
TOTAL				/20
Task Mark	Task Rank		Cumulative Rank	

Teacher feedback:

Signature: _____

Date: _____